



Department of Energy

Fermi Site Office
Post Office Box 2000
Batavia, Illinois 60510

April 1, 2016

Ms. Martha E. Michels
Chief Safety Officer
Fermilab
P.O. Box 500
Batavia, IL 60510

Dear Ms. Michels:

SUBJECT: NATIONAL ENVIRONMENTAL POLICY ACT DETERMINATION AT FERMI
NATIONAL ACCELERATOR LABORATORY – DEMOLITION OF MAIN RING
GAZEBO STRUCTURE

Reference: Letter, from M. Michels to R. Hersemann, dated March 31, 2016, Subject:
National Environmental Policy Act Environmental Evaluation Notification Form for
the Demolition of the Main Ring Gazebo Structure

The Fermi Site Office (FSO) has reviewed the National Environmental Policy Act (NEPA) Environmental Evaluation Notification Form (EENF) for the Demolition of the Main Ring Gazebo Structure. Based on the information provided in the EENF, the following categorical exclusion (CX) is approved:

<u>Project Name</u>	<u>Approved</u>	<u>CX</u>
Demolition of the Main Ring Gazebo Structure	3/31/2016	B1.16, B1.23

Enclosed is signed copy of the EENF for your records. No further NEPA review is required. This project falls under categorical exclusions provided in 10 *CFR* 1021, as amended in November 2011.

Sincerely,

Michael J. Weis
Site Manager

Enclosure:
As Stated

cc: N. Lockyer, w/o encl.
J. Lykken, w/o encl.
T. Meyer, w/o encl.
B. Scerini, w/o encl.
T. Dykhuis, w/encl.

FERMILAB ENVIRONMENTAL EVALUATION NOTIFICATION FORM (EENF) for documenting compliance with the National Environmental Policy Act (NEPA), DOE NEPA Implementing Regulations, and the DOE NEPA Compliance Program of DOE Order 451.1B

Project/Activity Title: Demolition of the Main Ring Gazebo Structure
ES&H Tracking Number: 01138

I hereby verify, via my signature, the accuracy of information in the area of my contribution for this document and that every effort would be made throughout this action to comply with the commitments made in this document and to pursue cost-effective pollution prevention opportunities. Pollution prevention (source reduction and other practices that eliminate or reduce the creation of pollutants) is recognized as a good business practice which would enhance site operations thereby enabling Fermilab to accomplish its mission, achieve environmental compliance, reduce risks to health and the environment, and prevent or minimize future Department of Energy (DOE) legacy wastes.

Fermilab Action Owner: Jonathon Hunt (X4312)

Signature and Date _____



3/28/16

I. Description of the Proposed Action and Need

Purpose and Need:

The purpose of the proposed action/project is to demolish and remove the Main Ring Gazebo Structure. The demolition of this structure is needed to eliminate costs associated with maintenance and utility services and to remove the safety and subsequent liability associated with it.

Proposed Action:

This proposed action would remove all above and 18 inches below grade structures related to the Main Ring Gazebo, which is located at the center point of the Main Ring. There is a survey monument that would be removed and relocated after the demolition. The total project area is 1000 square feet.

Alternatives Considered:

The only alternative is to leave the Gazebo Structure as is but this 'no action' alternative would not meet the purpose and need.

II. Description of the Affected Environment

This proposed action would completely remove the Main Ring Gazebo involving a 1000 square feet area. Additional environmental effects are included in Section III.

III. Potential Environmental Effects (If the answer to the questions below is "yes", provide comments for each checked item and where clarification is necessary.)

A. Sensitive Resources: Would the proposed action result in changes and/or disturbances to any of the following resources?

- Threatened or endangered species
- Other protected species
- Wetland/Floodplains
- Archaeological or historical resources
- Non-attainment areas

B. Regulated Substances/Activities: Would the proposed action involve any of the following regulated substances or activities?

- Clearing or Excavation
- Demolition or decommissioning
- Asbestos removal
- PCBs
- Chemical use or storage
- Pesticides
- Air emissions
- Liquid effluents
- Underground storage tanks
- Hazardous or other regulated waste (including radioactive or mixed)
- Radioactive exposures or radioactive emissions
- Radioactivation of soil or groundwater

C. Other Relevant Disclosures: Would the proposed action involve any of the following actions/disclosures?

- Threatened violation of ES&H permit requirements
- Siting/construction/major modification of waste recovery or TSD facilities
- Disturbance of pre-existing contamination
- New or modified permits
- Public controversy
- Action/involvement of another federal agency
- Public utilities/services
- Depletion of a non-renewable resource

IV. Comments on checked items in section III.

Archaeological or historical resources

There is an archaeological site in the vicinity of the Main Ring Gazebo Structure which is eligible for the National Register of Historic Places. However, it was confirmed with archaeologist, Catherine Bird, of Midwest Archaeological Research Services, Inc. that "the Gazebo Structure is isolated and away from the Gazebo archaeological site 11-Du-38. There is no problem in razing the gazebo building superstructure and disturbing 18 inches below the ground surface." In addition, FESS would photograph the structure prior to demolition.

Clearing and Excavation

Minimal excavation would take place in the vicinity of the Main Ring Gazebo and no spoils are anticipated. Soil erosion control measures (i.e. silt fences, etc.) would not be necessary for this project.

Demolition or decommissioning

This proposed action would completely remove the Main Ring Gazebo Structure. The work consists primarily of demolition, removal, and recycling of various building materials. The Subcontractor would be required to dispose of all Construction and Demolition waste with a recycling vendor and obtain a report on the amounts of each material recycled for submittal for Fermilab. Prior to demolition, the building would be inspected and tested for the presence of any regulated waste material. Regulated waste would be removed prior to demolition work by the Subcontractor. Recycling of metals would be coordinated with the Fermilab Environment, Safety, Health and Quality (ESH&Q) Section

Asbestos Removal

The site would be inspected/tested for asbestos prior to demolition. The Fermilab ESH&Q Section would be involved in any asbestos work.

Hazardous or other regulated waste

To the extent possible, materials would be recycled. A determination would be made, prior to demolition, by Radiation Safety and the ESH&Q personnel on whether or not material from these buildings are recyclable.

V. NEPA Recommendation

Fermilab staff has evaluated the proposed action and believe a Categorical Exclusion is appropriate. It is believed that the proposed action meets the description found in DOE's NEPA Implementation Procedures, 10 CFR 1021, Subpart D, Appendix B1.16, and B1.23 as follows.

B1.16 Asbestos Removal

Removal of asbestos-containing materials from buildings in accordance with applicable requirements (such as 40 CFR part 61, "National Emission Standards for Hazardous Air Pollutants"; 40 CFR part 763, "Asbestos"; 29 CFR part 1910, subpart I, "Personal Protective Equipment"; and 29 CFR part 1926, "Safety and Health Regulations for Construction"; and appropriate state and local requirements, including certification of removal contractors and technicians).

B1.23 Demolition and Disposal of Buildings

Demolition and subsequent disposal of buildings, equipment, and support structures (including, but not limited to, smoke stacks and parking lot surfaces), provided that there would be no potential for release of substances at a level, or in a form, that could pose a threat to public health or the environment.

Fermilab NEPA Program Manager: Teri L. Dykhuis

Signature and Date

Teri L. Dykhuis 3/30/2016

VI. DOE/Fermi Site Office (FSO) NEPA Review

Based upon my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1A), I have determined that the proposed action fits within the specified class of actions, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

FSO NEPA Compliance Officer: Rick Hersemann

Signature and Date

Rick Hersemann 3/31/2016

I. Appendix – Diagrams
Location of Main Ring Gazebo Structure

